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The Royal Clematis

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U. S. Department of Agriculture



CRIMSON STAR

A striking rich red hybrid with a long blooming period. In size it is truly spectacular for it often attains a diameter of 5 to 6 inches. Each \$2.00.

JAMES I. GEORGE & SON, Inc.

Fairport, N. Y.



Comtesse de Bouchard

Excellent color. Gracefully curved petals that range in tone from satiny rose to rich pink places this variety in a distinct category. Not only are the flowers the nearest approach to clear pink of all hybrids, but the plant is a strong grower and a profuse bloomer from July to September.

Each \$1.75

Lawsoniana

Blue flowers flushed with mauve. One of the best Clematis in this color range.

Each \$1.75



Lanuginosa Candida

Belle of Woking

A refined grower with silver-lavender flowers of double form. For table decoration or corsages, Belle of Woking cannot be surpassed. Blooming freely in summer, she gives a repeat performance in the fall.

Each \$1.75

Lanuginosa Candida

This is our choice for the finest pure white Clematis. White is always correct in any garden situation.

Each \$1.75

Large Flowering Hybrids

PURPLE JACKMANI

Old Fashioned Cottage Variety



Jackmani

Extremely hardy and a strong grower, capable of covering large areas with an abundance of deep purple flowers. This is the Clematis which covered Grandmother's porch.

Each \$1.75

Miss Bateman

A Favorite White

Our Clematis hybridizer favors this beautiful white Clematis which has a chocolate center. In New York State the first hybrid to bloom.

Each \$2.00

Mrs. Spencer Castle

A Pink That Blooms in the Fall

Delicate pink, sometimes throwing a double flower and oftentimes blooms again in the fall. We are very enthusiastic about this variety.

Each \$2.50

A FEW WORTH WHILE NEW CLEMATIS OF RECENT INTRODUCTION (not illustrated)

Pink Chiffon.	\$3.50
Princess of Wales. Bluish mauve	2.50
Blue Gem. Pale lavender-blue	2.50
Mrs. Bush. Large, clear deep lavender	2.50
Mrs. Robert Bryden. Pale, watery blue	2.50
Barbara Dibley. Lavender-red	2.50
Floribunda. Deep purple, white pointed tips	2.50



Ville
de
Lyon



Duchess
of Edin-
burgh



Lord Neville

Royal Garden Collection

4

**Sturdy
Plants
for**

\$6.50

NOTE

Although we try to have the colors of the illustrations represent the subject as nearly as possible, there still is occasionally a variation in color.

THESE 4 ROYAL GARDEN CLEMATIS

Ville de Lyon, red; Duchess of Edinburgh, double white; Lord Neville, medium deep purple, and Jackmani, will give you a wealth of colorful satisfaction. On pillars, fences or porches, they will make a striking background.

Ville de Lyon

Carmin-red flowers cover the emerald-green foliage. One of

the older varieties but one of the very popular.

Each \$1.75

Duchess of Edinburgh

Double white flowers resembling Gardenias. Flowers are produced on old wood, hence pruning should consist of cutting out only dead wood.

Each \$2.00

Lord Neville

The flowers are a deep plum-purple with ruffled edges. We think this a fine variety and worthy of a place in your garden.

Each \$2.00

Large Flowering Clematis

Ramona

A lavender-blue flower with a dark center. Rounded sepals make this variety unusual. Always a favorite with Clematis growers.

Each \$1.75



Ramona

Jackmani Superba

Velvety Purple

A glorified Jackmani. The flowers are large and velvety purple. A splendid addition to the Clematis garden. Each \$2.50

William Kennett

Bright lavender flowers of unusual character. Planted to grow along with *Paniculata*, you will have a green cloth and two flowering vines of different blooming periods.

Each \$1.75



Mme. Baron Veillard

Of French origin, this lilac-rose flower will please the most discriminating grower. A late bloomer with graceful flowers, intensifying in color by late fall.

Each \$1.75

The President

On our list as one of the most popular. The President always performs no matter what the season. Deep purple flowers, the buds covered with gray wool when opening.

Each \$2.00



The President

"Pink Chiffon"

Hagley Hybrid

A member of the Jackmani Family, blooming profusely in an exquisite shade of deep shell-pink with brown stamens. Blooms freely June to September.

Each \$3.50

Barbara Jackman

One of the newer Clematis. A bi-color with lavender sepals and plum colored bars. Rare and lovely.

Each \$2.00

W. E. Gladstone

From our customer's letters, we find this one of the most popular varieties. Lilac shade and lovely to look at.

Each \$1.75

Elsa Spath

One of the really great in any greenhouse or in the garden. Its fine, large, blue blossoms are hard to equal.

Each \$1.75



Nelly Moser

Red bars accentuate the pale mauve and pink petals. Truly an unusual flower to add new interest to your garden.

Each \$2.00

Mme. Edouard Andre

A red bloom with a purple cast. A good bloomer. Try this with an evergreen background to bring out the unusual color. It suggests the richness and texture of an old Persian rug.

Each \$1.75



Mme. Edouard Andre

Lady Betty Balfour

A Novelty

Deep violet-purple with a yellow center. Planted to produce late summer blooms.

Each \$1.75

King Edward VII

One of the newer varieties we like very much. A violet colored flower with a suffused crimson bar.

Each \$2.00

Henry Chapin

A Riot of Color

A favorite red flower always producing a riot of color with especially nice foliage.

Each \$1.75

Huldine

A Trellis Favorite

Plant Huldine on a trellis where her white flowers can be looked up to and her pink reverse stripes can be admired.

Each \$1.75

Henryi

Without doubt, the largest white flower in the Clematis family. The dark center intensifies the pure white flower.

Each \$1.75



Henryi



*Large
Flowering
Clematis*

**Ernest
Mark-
ham**

A prolific bloomer with medium size flowers of petunia-red. This variety was named in honor of the English propagator.

Each \$1.75

Gipsy Queen

This was the favorite flower of the late Clinton George. Flowers of a rich deep purple with a velvety sheen.

Each \$2.00

Mrs. P. B. Truax

We consider this one of the best of our new introductions. An outstanding periwinkle-blue flower. We cannot recommend this too highly.

Each \$3.00

Susan P. Emory

Sky-blue flowers produced in abundance on mature vines. Flowers often measure 6 inches across. This is a real show vine.

Each \$3.00

Lasurstern



Lasurstern

One of the first Clematis to bloom in summer, having large, deep purple-blue flowers. Arrange one or two of these in a silver bowl where all can admire them at close range.

Each \$3.50

Not Available
Until Spring

1963

Add 40c for Packaging and Postage

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**James I. George
& Son, Inc.
Fairport, N.Y.**

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Amount Enclosed _____ Cash, \$ _____

Money Order, \$ _____ Draft or Check, \$ _____
State How Much Money You Enclose

Quantity	Name of Article	Each	Dollars	Cents
	Barbara Jackman Clematis (See note below)	\$2.00		
	Bell of Woking Clematis	1.75		
	Comtesse de Bouchard Clematis	1.75		
	Crimson Star Clematis	2.00		
	Crispa Clematis	2.00		
	Duchess of Albany Clematis (See note below)	3.00		
	Duchess of Edinburgh Clematis	2.00		
	Elsa Spath Clematis	1.75		
	Ernest Markham Clematis	1.75		
	Gipsy Queen Clematis	2.00		
	Henryi Clematis	1.75		
	Henry Chapin Clematis	1.75		
	Huldine Clematis	1.75		
	Jackmani, Purple Clematis	1.75		
	Jackmani superba Clematis	2.50		
	King Edward VII Clematis	2.00		
	Lady Betty Balfour Clematis	1.75		
	Lady Caroline Neville Clematis	3.50		

NOTE.—If supply is exhausted please substitute another variety.

Quantity	Name of Article	Each	Dollars	Cents
	Lanuginosa candida Clematis	\$1.75		
	Lasurstern Clematis (See note below)	3.50		
	Lawsoniana Clematis	1.75		
	Lord Neville Clematis	2.00		
	Miss Bateman Clematis	2.00		
	Mme. Baron Veillard Clematis	1.75		
	Mme. Edouard Andre Clematis	1.75		
	Montana rubens Clematis	1.75		
	Mrs. Spencer Castle Clematis	2.50		
	Mrs. Cholmondeley Clematis	1.75		
	Mrs. P. B. Truax Clematis	3.00		
	Nelly Moser Clematis	2.00		
	Paniculata Clematis	1.50		
	Prins Hendrik Clematis (See note below)	3.50		
	Ramona Clematis	1.75		
	Susan P. Emory Clematis	3.00		
	Tangutica obtusiuscula Clematis	2.50		
	The President Clematis	2.00		
	Ville de Lyon Clematis	1.75		
	W. E. Gladstone Clematis	1.75		
	Wm. Kennett Clematis	1.75		
	Royal Garden Collection Clematis (4 colors)	6.50		

NOTE.—If supply is exhausted please substitute another variety.

BUY DIRECT from the Grower

IT IS EASY TO ORDER BY MAIL

Simple Instructions to Follow

1. Keep a copy of your order. We acknowledge by post-card only.
2. Cash with order. No C. O. D.—Add 40c for packaging and postage.
3. Only guarantee on the plants is that a good live plant will be shipped to you. We are not responsible for plants that do not live when they are beyond our planting and care. All complaints must be registered within 3 weeks.
4. Complete planting and cultural directions will be mailed with plants.

NEW HYBRID CLEMATIS INTRODUCTIONS

Quantity	Name of Article	Each	Dollars	Cents
	Pink Chiffon Clematis	\$3.50		
	Princess of Wales Clematis	2.50		
	Blue Gem Clematis	2.50		
	Mrs. Bush Clematis	2.50		
	Mrs. Robert Bryden Clematis	2.50		
	Barbara Dibley Clematis	2.50		
	Add 40c for packaging and postage.			
	Try a few of these wonders of the Clematis family.			
	It's worth while.			

In making your order, please give the price,
to avoid delays and errors.

Clematis Blooming Period

A. June to Sept.—B. June and July—C. July-Sept.
D. May to June—E. Sept.

WHITE

Duchess of Edinburgh (B)
Henryi (A)
Huldine (C)
Lanuginosa candida (A)
Miss Bateman (A)
Paniculata (E)

RED

Crimson Star (A)
Ernest Markham (A)
Henry Chapin (A)
Mme. E. Andre (A)
Montana rubens (D)
Ville de Lyon (A)

DARK VIOLET to PURPLE

Gipsy Queen (C)
Jackmani (A)
Lord Neville (A)
The President (A)
Lady Betty Balfour (A)

BLUE to PURPLE

Belle of Woking (B)
Blue Gem (A)
Crispa (C)
Elsa Spath (A)
Lasurstern (A)
Lawsoniana (A)
Mrs. Bush (A)
Mrs. Cholmondeley (A)
Mrs. Rob't Bryden (A)
Mrs. P. B. Truax (A)
Prince of Wales (A)
Prins Hendrik (A)
Ramona (A)
Susan P. Emory (A)

YELLOW

Tangutica (C)

LAVENDER

Lady Caroline Neville (A)
W. E. Gladstone (A)
Wm. Kennett (A)

PINK

Comtesse de Bouchard (C)
Duchess of Albany (C)
Mme. B. Veillard (C)
Mrs. Spencer Castle (A)

TWO-TONES

Barbara Dibley (A)
Barbara Jackman (A)
King Edward VII (C)
Nelly Moser (A)

ORNAMENTAL VINES

Quantity	Name of Article	Each	Dollars	Cents
	Ampelopsis Lowi, Miniature Boston Ivy	\$1.25		
	Ampelopsis Veitchi, Boston Ivy	1.25		
	Aristolochia siphon, Dutchman's Pipe	2.25		
	Celastrus scandens, American Bittersweet	1.15		
	English Ivy, large leaf 6 for	1.75		
	Lonicera, Hall's Honeysuckle	.75		
	Lonicera Heckrotti, Everblooming Honeysuckle	1.25		
	Polygonum Auberti, Silver Lace Vine	1.25		
	Wisteria, purple	1.50		
	Wisteria, pink	2.00		
	Wisteria, white	2.00		
	Teucrium Hedge, { 3 for 1.35 Midget Hedge { 10 for 3.95			

Note: If supply is exhausted please substitute another variety.

Note: In making your order, please give price to avoid delays and errors.

If you have a friend desiring a catalog, fill in name and address below.

Prins Hendrik

A rival of the Orchid, this azure-blue ruffled flower is one of the most beautiful. Frame the vine against a white background.

Each \$3.50

Not Available
Until
Spring 1963



Prins Hendrik

Lady Caroline Neville

Delicate new lavender with shaded bars. This Clematis adapts itself to growing on mail boxes and lamp posts.

Each \$3.50

Not Available
Until
Spring 1963



Lady Caroline Neville

Mrs. Cholmondeley

A rare lavender-wisteria-blue color to add to the pastel and deep shades of Clematis in your garden. The blossom is large and produces its flowers with great regularity each year.

Each \$1.75



Mrs.
Cholmondeley

*Small
Flowered*

or

*Species
Clematis*



Duchess of Albany

Pink Lily type flowers on a vigorous vine over a long blooming period. These flowers may be used in dainty corsages. Not Available Until Spring 1963. Each \$3.00

Crispa

Graceful foliage and curious urn-shaped flowers of bluish purple. Let this Clematis ramble into a small tree where its unusual flowers can be seen. Each \$2.00

Tangutica

One of the most attractive of the species Clematis. Tiny golden bells cover the finely cut foliage. In late fall attractive silver seed pods are produced to the delight of the flower arranger. This is one of the few yellow Clematis available. Each \$2.50



Montana Rubens

Cascading over a stone wall, the pink Dogwood-like blossoms are one of spring harbingers. The flowers bloom on old wood. Do not prune, merely remove dead wood.

Each \$1.75

Other Ornamental Vines

Many Garden Lovers Enjoy
the Familiar Vines of Yesteryear



Celastrus Scandens

Celastrus Scandens

American Bittersweet. Here is a vigorous climbing plant that will grow readily in partial shade. To prevent it from becoming too rampant, it should be pruned frequently. The familiar autumn fruits are always useful for indoor decoration.

Each \$1.15; 3 for \$3.25

Ampelopsis Veitchi

(Boston Ivy)

Almost too well known to need description, this vigorous climber seems to thrive even under smoky city conditions, making a rich mass of dark green foliage. Its ability to cling to almost any surface and its rich autumn color are among its desirable qualities.

Each \$1.25

English Ivy

(Hedera helix)

Large Leaves—Rapid Climber

6 Plants, \$1.75 each, plus postage.

Beautiful dark green evergreen leaf. Clings to masonry if used on north or east side where protected from hot sun.

Ampelopsis Lowi

Minature Boston Ivy

Where a very attractive vine is needed for a low wall or on a bird bath, this makes an excellent vine.

Each \$1.25

Lonicera Japonica Halliana

(Hall's Japan Honeysuckle)

Aristolochia Siphon

Delightfully fragrant, free flowering, and vigorous growing, this vine is commonly used where dense screening effects are needed or as a ground cover. The almost evergreen character of the foliage gives this familiar plant added distinction.

Each 75c

Aristolochia Siphon

Dutchman's Pipe. The curious brownish pipe-shaped flowers are a delight to children and the large heart-shaped leaves make a dense screen. Few vines are better adapted to porches or pergolas.

Each \$2.25





Lonicera
Heckrottii

Lonicera Heckrottii

(Everblooming Honeysuckle)

A superb ground cover with glaucous foliage and delightful two-tone blossoms which are warm purple outside and bright yellow inside. As its common name suggests, it blooms freely through the summer and may be grown on trellises where a climber of moderate height is desired.

Each \$1.25

Wisteria, Purple

Grafted plants are offered since they mature and bloom sooner than do plants raised from seed. A well placed specimen of Wisteria is a permanent investment in any garden, since it increases in beauty with the years.

Each \$1.50

Pink as illustrated
for \$2.00 each

White—for \$2.00
each



Pink Wisteria

Midget Hedge

(*Teucrium chamaedrys*)
(Miniature Boxwood Hedge)

A low growing hedge suitable for hedging or growing in front of a wall. Resembles dwarf Boxwood, holding its leaves 10 months of the year. Grows

Midget Hedge



10 to 15 inches but can be sheared at any height lower than that. Hardy and thrives in most locations. Should be planted 6 inches apart for a dense hedge. 3 for \$1.35; 10 for \$3.95; 25 for \$8.75; 50 for \$14.95; 100 for \$24.95.

Texensis

Small rose and buff, urn-shaped flowers. One year after planting this variety can be the highlight of a garden when the vine is covered with flowers. Each \$1.75



Texensis

Clematis Paniculata

One of the best known Clematis; panicles of tiny white fragrant flowers in fall. Needs a fence or large garden arch to accommodate its vigorous growth. Each \$1.50



Clematis Paniculata

(Silver Lace Vine)

For immediate screening effects the Silver Lace Vine is invaluable. It is a rampant grower and blooms over a long period. Plant it on a cedar post or a trellis for accent effects.

Each \$1.25

Polygonum Auberti

Polygonum Auberti



How to Grow Clematis

CULTURAL INFORMATION

YOUR CLEMATIS PLANT

Many plants are shipped in a dormant state and while these may appear to be dead, they are only resting. Please plant with care according to instructions.

LOCATION

Select a location with 4 to 5 hours of sun and protection from strong winds. In warm climates, shade from the hot sun would be advisable. Low growing shrubs provide both shade for the root system of Clematis as well as a windbreak.

SOIL

A rich well drained loam is best. If the ground is not well drained, place stones or broken brick in the bottom of the hole and cover with soil. Dig the hole 18 inches deep by 18 inches wide and fill with rich loam. Plant the Clematis with the crown (place where the roots branch) about 2 inches below the soil line.

FERTILIZING

Most Clematis benefit from the application of a handful of lime a year. If soils are very acid, two handfuls to a large plant. Lime can be in the form of lime stone chips or agricultural lime stone. Clematis should not have fertilizer applied until it has been established one year. Good results can be obtained by using a handful of VIGORO when the leaf buds start in the spring. Sprinkle carefully on the top soil but keep it away from the Clematis stem. VIGORO will bring out the colors of Clematis and give the Clematis vine the food it needs to produce healthy foliage. It especially brings out a truer pink in the Comtesse de Bouchard and a more brilliant red in the Crimson Star.

MULCHING

A mulch on Clematis is used to insure a cool root run. We suggest a mulch of $\frac{3}{4}$ peat moss and $\frac{1}{4}$ DRICONURE mixed and applied in a circle around the stem about 2 inches deep. In late fall a 12 inch mulch of peat moss should be pulled up around the stem to prevent alternate freezing and thawing.

WATERING

In hot, dry weather, Clematis benefit from water applied at the base of the vine. Water should be applied slowly so that it sinks to the lower roots. Watering is of great value in producing a nice crop of fall flowers. Clematis blossoms can withstand very cold weather and will bloom long after the perennial border is blackened.

SUPPORTS

Clematis will not grow on the ground. It likes to have its leaves held up to the sun and air. Supports can be a trellis, garden arbor, stone walls, a wire frame or cedar posts. Cedar posts can be placed in the background in the perennial border. The new growth of the vine is very fragile and must be guided and twined to the support provided. As the Clematis grows, the stem becomes woodier and is less apt to be broken and giving the young vine care will insure a sturdier plant.

PRUNING

Do not prune the Clematis vine for two years. If you want a mass of bloom, then just remove the dead wood after the spring growth has started. However, at our nursery, most of the large-flowering hybrids are cut back to 18 inches in the spring after the new green buds have started. This method tends to make the vine throw out more new stems from the base. The **Small Flowering** or **Species Varieties** should not be pruned until after flowering. If these are pruned in the early spring, the flowers will be cut off. Prune vine sparingly, except to remove dead wood.

PLANTING TIME

Clematis may be planted in the spring or fall. Where winters are severe, spring planting may be best. Do not hesitate to move a young Clematis plant that is not doing well. The roots may be in soil they do not like. If the vine has been established for 4 or 5 years, we would then suggest that you have a nurseryman transplant it.

PESTS AND DISEASES

If leaf or blossom damage occur, dust with **ROTENONE**. Clematis are very susceptible to weed killers and strong insecticides. Use care with these near the Clematis vines. If mice and rabbits are a nuisance in the garden, a fine chicken wire around the base of the vine will protect it. Where wire is not used, it might be advisable to drive four one-foot stakes in around the young vine to keep dogs from breaking the new growth. When Clematis stems are broken, the growth of the vine is slowed considerably. If all top growth is broken, the plant may lay dormant for a year. **WILT** is the dying and turning black of the stem and leaves of the Clematis vine. This happens when a break occurs on the stem and wilt bacteria enters. A preventive spray can be applied to the foliage and at the base of the vine. Spray every two weeks when the temperature is 80° and humid. We suggest the following spray: 2 level teaspoons of Fermate, 1 gallon of water and $\frac{1}{8}$ teaspoon of soap flakes. **YELLOW VARIEGATED LEAVES** on Clematis may occur when there is an abnormal amount of rainfall and will clear when dry weather comes along. Check the drainage of the vine to see it is not standing in water for while Clematis like plenty of moisture, it must drain away. Be sure the Clematis is fed a good diet of a balanced fertilizer such as **VIGORO**. Cut off and burn any leaves that appear yellow in color.

SPECIAL NOTES

Color photos on some varieties are deceiving. Some of them are not as brilliant as pictured. Soil conditions have their effect on color. Some soils tend to make the variety paler than it is. Also, the color of the newly planted Clematis may not be the true color the first year.

Some varieties take longer to establish their root systems than others. These varieties may not grow very much top vine growth the first year. Other varieties seem to establish quickly and send out a few blossoms the first year.

If a dense screen is desired for privacy, plant approximately 15 inches apart.

POT CULTURE

Forcing Clematis for flower shows or for house decoration offers little or no difficulty. Six-inch pots are both convenient and large enough to hold an average size plant.

Use potting soil composed of three parts gritty loam, one part leaf-mold and a small amount of lime. Drainage is essential and should be assured by placing broken crockery in bottom of container. Moderately firm potting suits the plants best.

If one would have well formed specimens, supports should be provided as soon as the potting is done. It may be a bamboo cane, or a piece of strong wire or a simple trellis.

The temperature and moisture requirements for Clematis are similar to those of other potted plants. A temperature varying from 65 to 72 degrees is ideal. It should be remembered that potted plants require watering frequently and Clematis does require sunlight to produce well developed flowers and one cannot expect to obtain satisfactory flowering plants in heavy shade. Clematis comes into bloom about 8 weeks after planting. The blooming date depends on the temperature and amount of sunshine.

We might add that Barbara Dibley and Barbara Jackman are especially fine for growing in hanging baskets.



Clematis -

The Vine
Beautiful

and

Other Good
Practical
Climbers

— O —

The World's Largest
Growers of Clematis

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